



# Jefferson Lab Alignment Group

## Data Transmittal

<b>TO:</b> J.P. Chen, J. LeRose	<b>DATE :</b> Oct 17, 2003
<b>FROM:</b> Chris Curtis	<b>Checked:</b> # A903

**Details:**

Below are the results from the hadron (right) spectrometer survey carried out on September 5<sup>th</sup>, 2003. Also included are the results from the superharp survey carried out the previous day. The values represent the difference in millimeters from the ideal position of each fiducial. A positive X value is to the beam left, a positive Y is too high.

===== RESULTS ===== H090503A

The central ray of the spectrometer is at 17.995 degrees.  
 It is missing the defined target center by 0.28 mm upstream,  
 and 0.02 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the spectrometer will be at 17.996 degrees.

\*.9PR : 0.129      \*.3DD : 1.95

**Superharps**

	DX	DY	locations in mm (+ is beam left)
SH1H01A	0.124	-0.090	
SH1H01B	0.157	-0.150	
SH1H01C	0.132	-0.180	
SH1H02A	-0.144	-0.020	
SH1H02B	-0.118	-0.090	
SH1H02C	-0.072	-0.110	